

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Johji SUZUKI et al.

Box Non-fee Amendment

Serial No. (unknown)

GROUP

Filed herewith

Examiner

METHOD AND NETWORK FOR INTERCONNECTING SEPARATE  
MULTICAST CHANNELS ACQUIRED FOR SEPARATE BUS SYSTEMS

PRELIMINARY AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to the first Official Action and calculation of the filing fee, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 10-11 and 25-26 as follows:

--10. (Amended) The packet communication method of claim 7, wherein the step (c) comprises establishing said connection by converting a channel identifier contained in a multicast packet received on said first channel to a channel identifier identifying said second channel and converting a channel identifier contained in a multicast packet received on said second channel to a channel identifier identifying said first channel.

11. (Amended) The packet communication method of claim 7, wherein said first and second messages further contain first and second bus identifiers respectively identifying said first and second bus systems, and wherein said bus bridge has first and second ports respectively connected to said first and second bus systems, and wherein the step (c) comprises establishing said connection if the bus bridge receives said first message through said first port and said second message through said second port and if said first and second bus identifiers respectively contained in said first and second messages indicate that said bus bridge is directly connected to said adjacent bus systems.

25. (Amended) The packet communication network of claim 22, wherein said bus bridge establishes said connection by converting a channel identifier contained in a multicast packet received on said first channel to a channel identifier identifying said second channel and converting a channel identifier contained in a multicast packet received on said second channel to a channel identifier identifying said first channel.

26. (Amended) The packet communication network of claim 22, wherein said first and second messages further contain first and second bus identifiers respectively identifying said first and second bus systems, and wherein said bus bridge has

first and second ports respectively connected to said first and second bus systems and establishes said connection if the bus bridge receives said first message through said first port and said second message through said second port, and if said first and second bus identifiers respectively contained in said first and second messages indicate that said bus bridge is directly connected to said adjacent bus systems.--

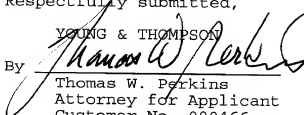
REMARKS

Claims 10-11 and 25-26 have been amended to correct multiple dependency. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

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"VERSION WITH MARKINGS TO SHOW CHANGES MADE"

Claims 10-11 and 25-26 have been amended as follows:

10. ~~(Amended)~~ The packet communication method of claim 7 or ~~9~~, wherein the step (c) comprises establishing said connection by converting a channel identifier contained in a multicast packet received on said first channel to a channel identifier identifying said second channel and converting a channel identifier contained in a multicast packet received on said second channel to a channel identifier identifying said first channel.

11. ~~(Amended)~~ The packet communication method of claim 7 or ~~9~~, wherein said first and second messages further contain first and second bus identifiers respectively identifying said first and second bus systems, and wherein said bus bridge has first and second ports respectively connected to said first and second bus systems, and wherein the step (c) comprises establishing said connection if the bus bridge receives said first message through said first port and said second message through said second port and if said first and second bus identifiers respectively contained in said first and second messages indicate that said bus bridge is directly connected to said adjacent bus systems.

25. ~~(Amended)~~ The packet communication network of claim 22 or ~~24~~, wherein said bus bridge establishes said connection by converting a channel identifier contained in a multicast packet received on said first channel to a channel identifier

identifying said second channel and converting a channel identifier contained in a multicast packet received on said second channel to a channel identifier identifying said first channel.

26. ~~(Amended)~~ The packet communication network of claim 22 ~~or 24~~, wherein said first and second messages further contain first and second bus identifiers respectively identifying said first and second bus systems, and wherein said bus bridge has first and second ports respectively connected to said first and second bus systems and establishes said connection if the bus bridge receives said first message through said first port and said second message through said second port, and if said first and second bus identifiers respectively contained in said first and second messages indicate that said bus bridge is directly connected to said adjacent bus systems.